SONY

Rolly

Operating Instructions
Sound Entertainment Player
SEP-30BT

* 3 8 7 0 8 3 4 3 2 * (1)

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3-870-834-**32** (1)

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

To reduce the risk of fire, do not cover the ventilation of the apparatus with newspapers, tablecloths, curtains, etc. And do not place lighted candles on the apparatus.

To reduce the risk of fire or electric shock, do not place objects filled with liquids, such as vases, on the apparatus.

Do not expose the batteries (battery pack or batteries installed) to excessive heat such as sunshine, fire or the like for a long time.

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.

Notice for customers: the following information is only applicable to equipment sold in countries applying EU directives

CE

Hereby, Sony Corp., declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For details, please access the following URL: http://www.compliance.sony.de/

The manufacturer of this product is Sony Corporation, 1-7-1 Konan, Minato-ku, Tokyo, Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters, please refer to the addresses given in separate service or guarantee documents.

Norway: Use of this radio equipment is not allowed in the geographical area within a radius of 20 km from the centre of Ny-Alesund, Svalbard.

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste.
By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only.
To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.

For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.

For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

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About the manuals

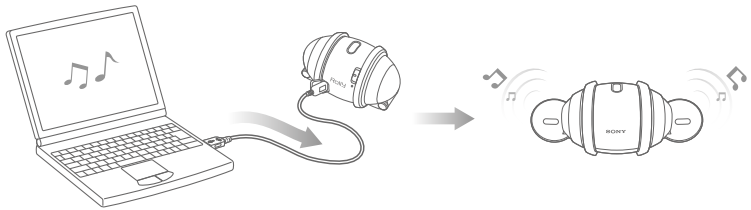
Two manuals, "Operating Instructions" and "Quick Start Guide," are supplied with this player. If you install the supplied software, you can view the software's help for further information.

- Quick Start Guide
  Explains the basic preparations and operations required to play music and motion.
- Operating Instructions (this manual)
  Explains in detail the preparations and operations required to use the player. You will also find troubleshooting advice and precautions on how to use the player safely.
- Rolly Choreographer Help
  Explains how to transfer music from the computer to the player; how to create motion for the player and assign it to music; how to customize the player, etc.

Enjoying not only music but also motion

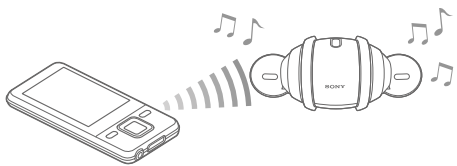
The player is a music entertainment player with built-in flash memory, and comes with the "Rolly Choreographer" software. You can enjoy listening to music and viewing motion* transferred from a computer to the player, using the "Rolly Choreographer" software (☞ page 18).

* The player moves to the music played. This movement is called "motion" on this player.



Listening to music via Bluetooth technology

Bluetooth® wireless technology is installed in the player. The player works as wireless speakers for Bluetooth music players (digital music players, mobile phones, etc.) via a Bluetooth connection. You can listen to music stored on Bluetooth music players through the speakers of this player (☞ page 40).

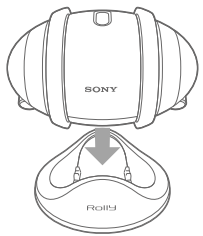


Bluetooth®

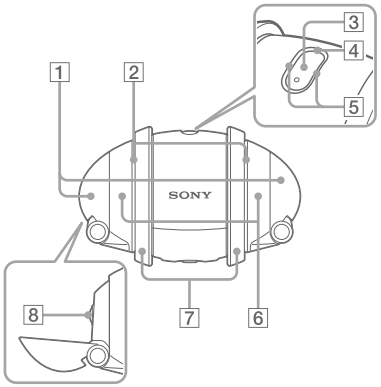
- ☐ USB cable (1)
- ☐ Rechargeable lithium-ion battery (1)
- ☐ CD-ROM* (1)
  Rolly Choreographer software
  * Do not try to play this CD-ROM using a CD music player. It must be read using the CD-ROM drive of a computer.
- ☐ Stand (1)
- ☐ Operating Instructions (this manual) (provided in each language)
- ☐ Quick Start Guide (provided in each language)
- ☐ Warranty (1)

Using the stand

When you want to stabilize the player, put the player on the stand.



Front



1 Arms (right/left) (☞ page 11, 26, 33)
The arms open while the player is playing music. The arms open and close repeatedly while the player moves.
The arms are made to detach in certain circumstances for safety reasons.

2 Side lamps (☞ page 26, 34)
The side lamps change colors according to playback mode and the status of the player. During motion playback, the side lamps change colors or flash in time to the movement of the player.
Light blue: Normal playback
Purple: Shuffle playback
Orange: While you can change playback mode, or jump tracks/groups
Red: A music file or motion file is damaged. Or, excessive mechanical load has been applied to the player while it is moving.
Blue: Bluetooth communication status

3 Play button (☞ page 26, 33, 42)
Click the Play button to start/stop playing music and motion. Use the Play button for pairing and connection for Bluetooth communication.

4 Bluetooth indicator (☞ page 42)
The blue indicator indicates the Bluetooth communication status.
Lights up: Not connected
Flashes once every 0.5 seconds: In the process of pairing
Flashes once every 2 seconds: Waiting for connection
Flashes once every 5 seconds: Connected

5 Play-button indicator (surrounding the Play button) (☞ page 15, 34)
The indicator changes color according to the status of the player during playback, and the status of the battery.
White: While playing a track with motion assigned
Green: While playing a track without motion assigned
Orange: Status of the battery
Yellow: When charging the battery via a USB connection is completed

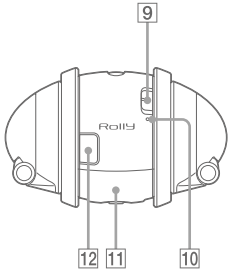
6 Shoulders (right/left) (☞ page 26, 33)
The shoulders move back to the predetermined position when the player starts playing music. The shoulders move around to music during motion playback.

7 Wheels (right/left) (☞ page 11, 26, 33)
By rolling the wheels while playing music, you can change volume, tracks, and groups. The wheels roll in time to music during motion playback.

8 Speakers

continued ☞

Rear



9 Power switch (☞ page 26, 34, 42, 44)
ON: Power on (to play music and motion)
OFF: Power off
: Power on (for Bluetooth communication)
When you turn on the power, the player sounds a start-up sound and opens the arms once. You can set the player so that the start-up sound does not sound (☞ page 37).
If you leave the player for about 30 seconds with the Power switch set to ON or , the side lamps go off and the player enters power-saving mode.

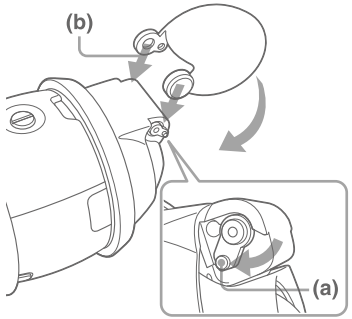
10 Reset button (☞ page 49)
You can reset the playback position, playback mode, and volume to the default settings.
Even if you press the Reset button, the data stored in the player is not erased.

11 Battery lid (☞ page 12)
Unfasten the screw and open the battery lid. Insert the supplied rechargeable battery.

12 USB jack (☞ page 13)
When you connect the player to a computer, open the cover and plug the USB cable into the USB jack.

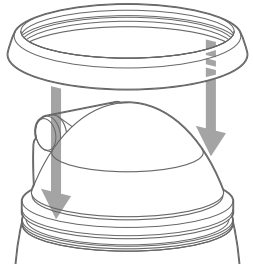
When an arm has been detached

With the shoulder held securely, press down the joints (a). Attach the arm (b), then close the arm.



When a wheel has been detached

Determine the top and bottom sides of the wheel. Mount the wheel into the groove of the player.

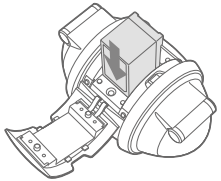


The player operates on the supplied rechargeable lithium-ion battery (hereinafter called the "battery"). When you use the player for the first time, or the battery has been discharged, connect the player to a computer to charge it.

Inserting the battery

1 Turn the battery lid screw to OPEN, using a coin or the like, and open the battery lid.

2 Insert the supplied battery all the way in securely, and close the battery lid.



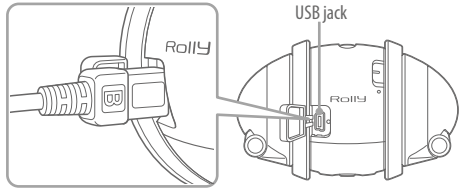
3 Turn the battery lid screw to CLOSE, using a coin or the like.

Notes

- Make sure that the battery lid is closed when you operate the player. If the battery lid is open, a malfunction may occur.
- When you insert the battery, be careful not to catch your fingers in the battery lid.

Charging the battery

1 Open the USB jack cover, and connect the supplied USB cable to the USB jack.



2 Connect the other end of the USB cable to the USB port of a computer.

The Play-button indicator lights up in orange, and charging starts. When charging is completed, the Play-button indicator turns yellow. Charging will take about 5 hours*. (When you charge the battery using the Rolly Charging Cradle CDL-SE10 (not supplied), the Play-button indicator goes out when charging is completed. Charging will take about 3 hours*.)

* Expected charging time to charge a fully discharged battery at 25 °C (77 °F). The charging time will vary depending on the battery condition or the charging environment.

continued ☞

Notes

- Set the Power switch to OFF before connecting the player to a computer.
- You cannot operate the player when it is connected to a computer.
- Make sure that you disconnect the player before you turn off or restart your computer. Otherwise, the player may not operate correctly.
- Connect the player and the computer directly, not via a USB hub.
- Charge the battery at a temperature ranging from 10 °C (50 °F) to 30 °C (86 °F). Charging may not be done efficiently outside of this temperature range.
- In the case of a battery which has been fully discharged or has not been used for a long time, the Play-button indicator may not light up immediately after you start charging the battery. The Play-button indicator will light up in orange after a few minutes and charging will start.
- When you do not intend to use the player for a long time, remove the battery from the player. When the battery is removed, the clock setting and wake-up timer setting will be reset to their default settings.

Checking the remaining battery power

Set the Power switch to ON or , and hold the player as illustrated on the right. The Play-button indicator indicates the remaining battery by lighting or flashing.
You cannot check the remaining battery power when the player is in power-saving mode.

Play-button indicator	Remaining battery power
Lights up in orange for 3 seconds	Sufficient
Flashes in orange slowly for 3 seconds	Not much left
Flashes in orange rapidly for 3 seconds	Consumed* When the battery is fully discharged, the Play-button indicator flashes rapidly in orange for 5 seconds. Then, the player enters power-saving mode automatically.

* When the battery is fairly consumed, you cannot play music accompanied by motion.

continued ☞

Playback time on the battery [1]

Playing	Playback time (approx.)
Music [2]	5 hours
Music with motion [2][3]	4 hours
Music via Bluetooth communication	4 hours 30 minutes
Music with motion via Bluetooth communication [3]	3 hours 30 minutes

[1] Measured using a fully charged battery
[2] Playback time of music is measured using MP3 128 kbps music.
[3] Playback time of motion is measured using a Sony standard motion measurement (equivalent to the Auto motion) and operating environment. Motion playback stops after 1 track. You cannot continue playing tracks together with motion.

Notes

- The playback times on the table may differ, depending on surrounding temperatures, operating conditions, type of music files, and type of motion.
- The playback times on the table are valid when the player is used at 25 °C (77 °F). The battery life will be shorter in lower temperatures, when playing either music or music with motion.
- When you use the player after a long interval, the playback time may be shorter than expected, because the battery cannot yet be charged to its full capacity. After the battery is fully discharged and charged several times, it can be charged to its full capacity.
- If the playback time becomes about half of the normal length of time, even if it is charged sufficiently, the useful life of the battery has run out. Replace the battery with a new one.

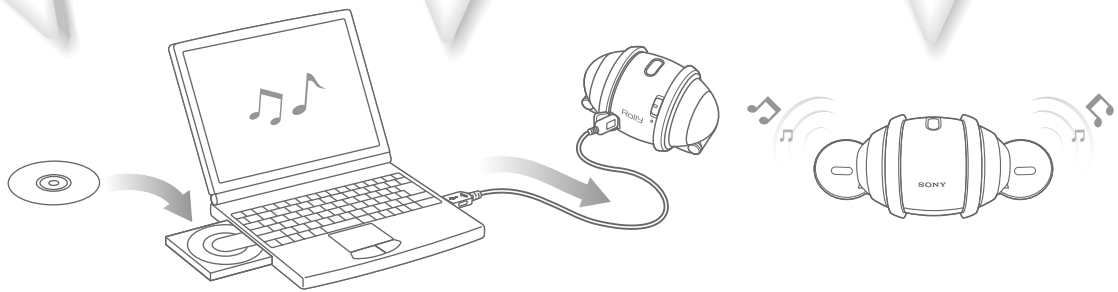
Enjoying Music and Motion

The player plays music and motion transferred from a computer, using the supplied “Rolly Choreographer” software.

1 **Installing the software** **(page 20)**

2 **Transferring music and motion to the player** **(page 23)**

3 **Playing music and motion** **(page 26, 33)**



Install the supplied “Rolly Choreographer” software. See page 21 for the system requirements that must be met to use the player.

1 Turn on the computer and start Windows.
Log on as an administrator.

2 Quit all active software programs on your computer.
Be sure to quit all software programs, including anti-virus software, as they will strain the CPU.

3 Insert the supplied CD-ROM into your computer’s CD-ROM drive.
The install wizard will start automatically and the Main Menu appears.

4 Install the software.
Read the message displayed on the screen carefully, and follow the on-screen instructions. Installation may take 10 to 15 minutes depending on your computer. If prompted, restart the computer after installing the software.
When the software has been installed successfully, an icon appears on the computer screen.

Note

If the Windows Aero function of Windows Vista is activated, the preview area of Rolly Choreographer may not appear properly.
Deactivate the Windows Aero function when starting Rolly Choreographer as follows.
1 Right-click the Rolly Choreographer icon, display “Properties” and click the “Compatibility” tab.
2 Check “Disable desktop composition” and click [OK].

System requirements for the player

- Computer
  - Computer:
    IBM PC/AT or compatible computer preinstalled with the following Windows operating systems.
    Windows XP Home Edition (Service Pack 2 or later)/Windows XP professional (Service Pack 2 or later)/Windows XP Media Center Edition (Service Pack 2 or later)/Windows XP Media Center Edition 2004 (Service Pack 2 or later)/Windows XP Media Center Edition 2005 (Service Pack 2 or later)/Windows Vista Home Basic/Windows Vista Home Premium/Windows Vista Business/Windows Vista Ultimate
    - Not supported by operating system other than those listed above.
    - Not supported by 64 bit versions of the operating systems listed above.
  - Operating system language supported: English, French, German, Italian, Spanish, Russian
  - CPU: Pentium III 450 MHz or higher (For Windows Vista, Pentium III 800 MHz or higher)
  - RAM: 256 MB or more for Windows XP (512 MB or more is recommended.)
    512 MB or more for Windows Vista (1 GB or more is recommended.)
  - Video memory: 64 MB or more
  - Hard Disk Drive: 200 MB or more of available space (1.5 GB or more is recommended.)
    More space may be required depending on the version of the operating system. Additional space is required for storing music data.
  - Display: 1024 × 768 pixels (or higher), High Color (16 bit) (or higher) (Rolly Choreographer may not operate properly at color settings at or below 256 colors.)
  - CD-ROM drive: Must support Digital Music CD playback capabilities using WDM.
    (To create original CDs or to back up audio CDs, a CD-R/RW drive is required.)
  - Sound board
  - USB port (Hi-Speed USB is recommended.)

continued ☞

- Microsoft Internet Explorer 5.5 or later must to be installed.
- An internet connection is required to upload/download motion data.
- We do not guarantee operation for all computers, even if they meet the above System Requirements.
  Not supported by the following environments:
  Personally constructed PCs or operating systems/An environment that is an upgrade of the original manufacturer-installed operating system/Multi-boot environment/Multi-monitor environment/Macintosh
- We do not guarantee correct operation for all computers on which system suspension, sleep (standby), hibernation, etc. are operating correctly.

Uninstalling the software

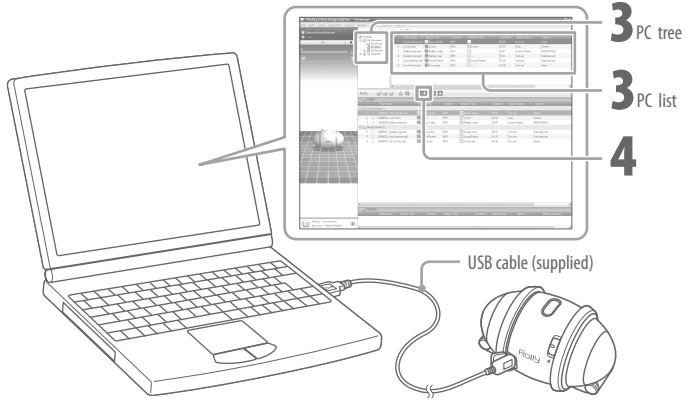
To delete the supplied software from your computer, perform the following steps.

1 Click [Start] - [Control Panel].

2 Double-click [Add or Remove Programs].

3 Select Rolly Choreographer from the list, and click [Delete].
Restart the computer following the on-screen instructions. When the computer is restarted, the software has been uninstalled.

The "Automatic Choreography & Transfer" function enables you to transfer music and motion data to the player simply by pressing the button on the Rolly Choreographer screen.
You select tracks and press the button. Then, the tracks are transferred to the player. The transferred tracks are choreographed with the appropriate motion by the "Automatic Choreography" function.



1 Connect the player to the computer using the supplied USB cable.

2 Click the icon on the screen.
Rolly Choreographer will start and the File Manager View will appear.

continued ☞

3 **To transfer all music files in a folder, select the folder in the PC tree.**
To transfer a single file, select the file in the PC list.
You can select more than one file to be transfered at one time.

4 **Press the button.**
The selected folder or file will be transferred. Each track will be transferred with motion created automatically by the "Automatic Choreography" function.
If the track has a motion assigned, the track is transferred to the player with the motion.

When deleting transferred music

Make sure that you delete music files from the player using Rolly Choreographer.

Notes

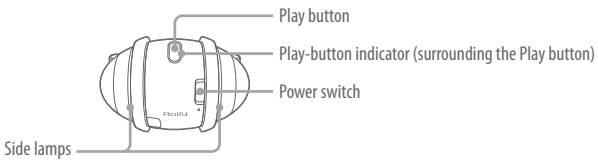
- Set the Power switch of the player to OFF before connecting the player to a computer.
- The Play-button indicator flashes while music and motion are being transferred. Leave the USB cable connected during this period.
- If you delete music files from the player, the motion instruction assigned to the music will also be deleted.
- If you connect the player to a lap-top computer that is not connected to AC power sources, the battery of the lap-top computer will be consumed quickly. Do not leave the player and the lap-top computer in this state for a long time.
- Music tracks transferred to the player with Rolly Choreographer are saved in the "RMF" folder on the player and displayed in the Rolly list with Rolly Choreographer. Do not add or delete files in the "RMF," "RSF," or "SMDB" folder on the player with Windows Explorer, and also do not delete or rename these folders with Windows Explorer. If you do so, some music tracks may not be displayed in the Rolly list and they may not be played on the player.

Hints

- The player plays the transferred tracks in the order of tracks displayed on Rolly Choreographer. The player can play up to 4,096 tracks.
- You can transfer tracks without accompanying motion. Select the folder or file, and press the button. You can assign motion to tracks after they have been transferred to the player. For details, refer to the Rolly Choreographer Help.
- You can transfer music to the player using Windows Explorer or other music management software. When you use any software other than Rolly Choreographer, place the data in the "MUSIC" folder.
- The player can play ".mp3" and ".3gp*" music files only. The player cannot play ".m4a" and ".mp4" music files. To make ".m4a" and ".mp4" music files in a computer playable on the player, transfer them by using Rolly Choreographer. ".m4a" and ".mp4" music files will be converted to ".3gp" music files automatically, and transferred to the player.
- You can create and edit motion as you like on Rolly Choreographer. You can also change the settings of the player. For details, see the Rolly Choreographer Help.
- You can create motion and upload their data to the service site on the internet, or download motion data from the service site and store them in Rolly Choreographer. For details, see the Rolly Choreographer Help.

* HE-AAC codec ".3gp" files or movie ".3gp" files cannot be played on the player.

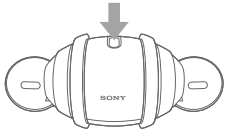
You can play music transferred from a computer using Rolly Choreographer.
You can play motion together with music (☞ page 33).



1 **Set the Power switch to ON.**
The start-up sound sounds and the power is turned on.

2 **Place the player on a stable surface with the SONY logo facing you.**

3 **Click the Play button.**
The player opens its arms and plays music.
The Play-button indicator lights up during playback. The indicator changes color according to whether a motion is assigned to the track or not (☞ page 34).



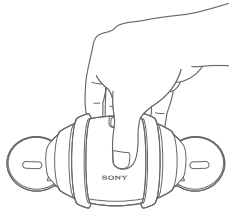
To stop playing music

Click the Play button during playback. The player stops playing music and closes its arms.

Two ways to operate the player

You can operate the player either placed on a level surface or held in your hand as shown below.

When the player is placed on a level surface



Place the player with the SONY logo facing you. Operate the player by pushing the player on the wheels while music is playing.

When you hold the player in your hand

Hold the player in the vertical position. Operate the player by turning the wheels to the right or left while music is playing.

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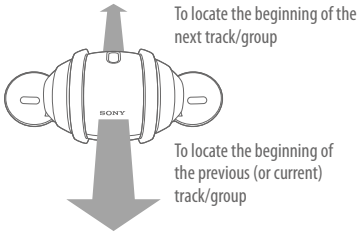
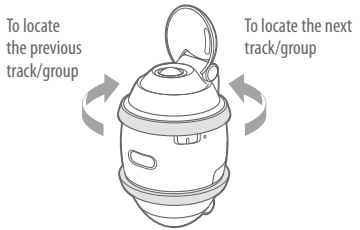
Changing a track



To change the track, push the player forward or backward a short distance while music is playing. The operation sound sounds and the track changes.(1)
To change the music group, push the player forward or backward further. The operation sound sounds, the group number is announced, such as “Group One,” and the group changes.(2)

(1) If you try to return to the previous track after more than 5 seconds have elapsed since the track started, the current track will be played from the beginning.

(2) When you perform this operation on the first track of the group:
If you try to return to the previous group after more than 5 seconds have elapsed since the playback started, the current track will be played from the beginning.
When you perform this operation on the second or a later track of the group:
The first track of the group will be played from the beginning.

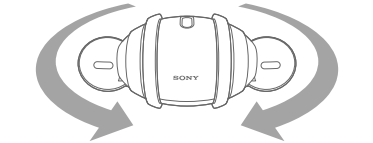


To change the track, turn the upper wheel* about 45° while music is playing. The operation sound sounds and the track changes.
To change the music group, turn the upper wheel about 90°. The operation sound sounds, the group number is announced, such as “Group One,” and the group changes.
Playback starts from the loudest point of the track. When you place the player on a level surface, playback starts from the beginning of the track.

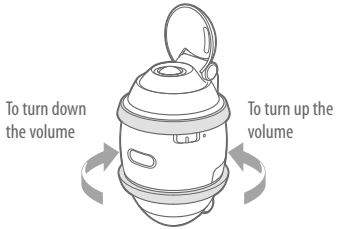
* When you hold the player in the vertical position with either end at the top, the wheel at the top is automatically assigned to changing tracks/groups.

continued ☞

Adjusting the volume



While music is playing, rotate the player clockwise to turn up the volume, and counterclockwise to turn it down.
The player returns automatically to the position it was before the volume was adjusted.
You can set the player not to return to the position it was before the volume was adjusted (☞ page 37).



While music is playing, turn the lower wheel* to the right to turn up the volume, and to the left to turn it down.

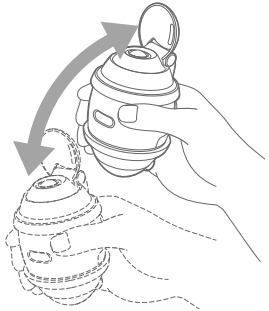
* When you hold the player in the vertical position with either end at the top, the wheel at the bottom is automatically assigned to controlling the volume.

Shuffle playback

You can switch the playback mode (normal playback or shuffle playback). Hold the player in your hand to switch the playback mode.

1 While music is playing, double-click the Play button.
The side lamps light up in orange.

2 While the side lamps are lit in orange, shake the player up and down a few times.
The operation sound sounds and the side lamps turn purple. The playback mode switches to shuffle mode.
A different track will start and all tracks stored on the player will be played in random order.



To return to normal mode, perform steps 1 and 2 again.
The operation sound sounds, the side lamps turn light blue. The playback mode switches to normal mode.

continued ☞

Jumping 5 tracks/groups ahead (or back)

Hold the player in your hand to jump tracks/groups.

1 While music is playing, double-click the Play button.
The side lamps light up in orange.

2 While the side lamps are lit in orange, turn the upper wheel.
If you turn the wheel to the right (left) about 45°, you can jump 5 tracks ahead (back).
If you turn the wheel to the right (left) about 90°, you can jump 5 groups ahead (back).

Hint

You can set the start-up sound, operation sound, and verbal guide for the group number so they do not sound using Rolly Choreographer (page 37).

Notes

- If you leave the player with the Power switch set to ON for about 30 seconds, the player enters the power-saving mode automatically to save battery power. You can set the player to power-saving mode by holding the Play button down for about 2 seconds. To release power-saving mode, click the Play button.
- If you play music near the range of maximum volume level, the speakers vibrate, and the case of the player vibrates, too. If the arms close (in the course of a motion procedure, or are closed by hand), the sound may be muffled or distorted.

You can play motion transferred from Rolly Choreographer in time to music.
When the music has no motion assigned, the player analyzes the music, then creates and assigns motion appropriate to the music (“self-motion” function).
“Motion playback” is available only when the player is placed on a level surface.

Restrictions on motion playback

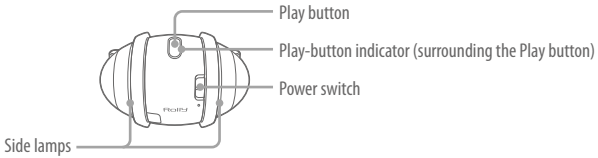
Motion playback of the player was designed taking safety into consideration. Motion playback has the following restrictions to prevent the player from falling off a table or desk, or colliding against other objects, or to avoid accidents when you take your eyes away from the player.

- Motion stops when a track is over.
- You cannot operate the player other than stopping during motion playback.
- A motion can play no longer than 7 minutes per track. This is the same for either motions created by Rolly Choreographer or “self-motion.” When the track is longer than 7 minutes, the player plays music and motion for the first 7 minutes, and music only for the rest of the track.

Places to perform motion playback

- Perform motion playback on a spacious level surface without obstacles around.
- Avoid the following places or surfaces when performing motion playback.
  - Where there is a risk that the player may drop
  - Uneven places, or unstable places subject to vibrations
  - Slippery places, or on thick carpet
  - Soft surfaces, such as bedding
  - Places subject to soil, sand, or dust
  - Wet places with water or oil present
  - Outdoors

continued ☞



1 **Set the Power switch to ON.**
A starting sound sounds and the power is turned on.

2 **Place the player with the SONY logo facing you.**

3 **Double-click the Play button.**
The player plays music and motion.
The Play-button indicator changes color according to the playback status.
White: Playing music with motion assigned.
Green: Playing music without motion assigned. The player analyzes the music, and moves appropriately to the music automatically (“self-motion” function).
Orange: The player cannot play motion because there is not enough battery remaining.

When playback of a track is finished, motion stops. Only music will be played from next track.

To stop motion

When you want	Operation
To stop motion only, and continue playing music	Hold the player in the vertical position. After motion stops, place the player on a level surface.
To stop motion only, and play music from the beginning of the track	Double-click the Play button.
To stop both motion and music	Click the Play button once.

Hints

- You can switch to motion playback by double-clicking the Play button while music is playing. The currently played track will be played again from the beginning together with motion.
- For creating motion using Rolly Choreographer, refer to the Rolly Choreographer Help.

continued ☞

Notes

- If you hold the arms and wheels down, or try to stop motion in any way during motion playback, the side lamps will light up in red and motion stops.
- If you play music near the range of maximum volume level, the speakers vibrate, and the case of the player vibrates, too. If the arms close (in the course of a motion procedure, or are closed by hand), the sound may be muffled or distorted.
- Motions are reproduced differently depending on the location or surface where the player is used.
- Motions actually reproduced by the player (such as fine movements, slow movements, sudden starts, sudden stops, spinning) may differ from those same motions previewed on Rolly Choreographer.
- Motions assigned to MP3 variable bit rate format files may not be played correctly.

Customizing the Player

Using the [Tools] menu of the supplied Rolly Choreographer software, you can customize or reset the player's performance. Refer to the Rolly Choreographer Help for details on the setting operations required.

Items		Set-ups
Rolly Settings	Operation Sound	You can set whether to sound the following 3 kinds of sounds or not. Sounds are set to sound as the default setting. • Startup Sound Setting: This sounds when the power is turned on, or as an alarm when required. • Operation Sound Setting: This sounds when tracks are forwarded/reversed, groups are forwarded/reversed, or playback mode is changed. • Group Voice Guidance Setting: When you change groups, the selected group number is announced.
	Volume Operation	You can set the player to return automatically to the position it was before the volume was adjusted, when the player was placed on a level surface. This item is set to return to original position as the default setting.
	Bluetooth Communication	You can select the priority, whether for sound quality or communication stability, for Bluetooth communication. Communication stability is given the priority as the default setting. In addition, you can employ the SCMS-T content protection of the Bluetooth device connected to the player. If the music transferred from the Bluetooth device connected is not compatible with the SCMS-T content protection standard, deactivate the SCMS-T content protection.

continued ☞

Items		Set-ups
Rolly Settings	Wake-up Timer	You can set the player to start at a preset time and play a preset music item automatically. If you leave this setting on, the player starts and plays music at a preset time everyday.
	Device Information	You can check the player's version and memory capacity (used and free).
Initialize Rolly Settings		You can initialize the player to the default settings. The stored music and motion data are retained.
Format Rolly		You can format the built-in flash memory of the player. The stored music and motion data are all erased. Before formatting the player, check the contents, and save any important music and motion data on your computer using Rolly Choreographer. **Note** Make sure that you format the player using this "Format Rolly" on Rolly Choreographer. Never format the player using Windows Explorer. If you do so, the player will not be recognized by the computer.

Using the wake-up timer

When you set the wake-up timer on, disconnect the USB cable from the player, and leave the Power switch to ON.
If the player is playing music at the preset time, the wake-up function does not work.
To check whether the wake-up timer is set to on or not, set the Power switch to ON and hold the Play button down for about 2 seconds. When it is set to on, the Play-button indicator flashes 3 times in green.

Hint

When the player is connected to a computer and Rolly Choreographer is running, the clock function of the player is synchronized with the clock of the computer.

Notes

- The track used for the wake-up timer is remembered by the order of the track, not by the name of the track. Therefore, if you delete the track or change the order of tracks, you will hear a different track.
- You can check the preset track on the Rolly screen of Rolly Choreographer. The preset track will be displayed with an orange clock mark on the title list.
- You cannot play motion for the wake-up timer.

Initializing or formatting the player

Initializing and formatting operations require a fully charged battery. Before initializing or formatting the player, fully charge the battery.

continued ☞

Listening to Music via Bluetooth Communication

The player works as wireless speakers for Bluetooth music players (digital music players, mobile phones, etc.). You can enjoy music data stored on Bluetooth music players through the speakers of this player.
You can find Bluetooth music players that can be connected with this player at the website below.
http://rolly.sony-europe.com/support

Bluetooth devices must support the A2DP profile to be connected with the player. In addition, when the devices also support the AVRCP profile, you can operate those devices, such as starting and stopping playback, with this player.
See page 67 for details on Bluetooth wireless technology.

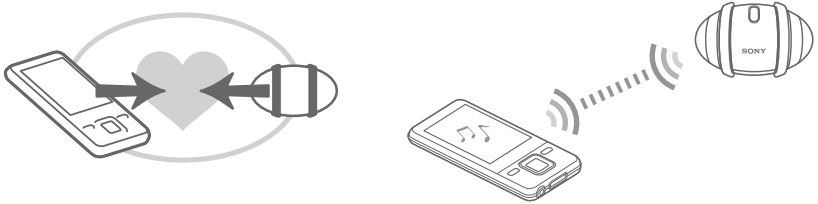
Note

You cannot listen to music played on this player through headphones or speakers of Bluetooth devices.

1 Pairing the devices **(page 42)**

2 Connecting the devices **(page 44)**

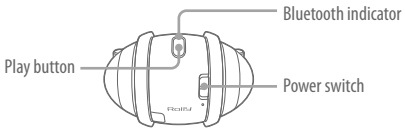
3 Listening to music **(page 46)**



Pairing the Player with a Bluetooth Device

Pairing is an operation where Bluetooth devices register with each other.
Once you pair the player with a Bluetooth device, you do not need to repeat the pairing operation with the Bluetooth device again, except for the following occasions:

- The pairing information is erased from the player, due to, for example, repair.
- You pair the player with a 9th Bluetooth device. The player can be paired with up to 8 Bluetooth devices. If you pair the player with another Bluetooth device, the pairing information of the Bluetooth device that has not been connected for the longest time among the 8 Bluetooth devices will be replaced by the pairing information of the new Bluetooth device.
- The connection information for the player was deleted from the connected Bluetooth device.
- When you initialize or format the player using Rolly Choreographer, pairing information with all Bluetooth devices will be erased.



1 **Place the Bluetooth device to be paired within 1 m of the player.**

2 **Set the Power switch of the player to .**
An operation sound sounds, and the Bluetooth indicator (☞ page 9) lights up in blue.

3 **Hold the Play button of the player down for more than 7 seconds.**
While the player is processing the pairing, the Bluetooth indicator flashes rapidly in blue.

Note
The pairing process lasts about 5 minutes. If the process is interrupted before you complete operations up to step 4, perform operations from step 2 again.

4 **Perform the pairing operation on the Bluetooth device to be paired, and search for the player.**
For details about the pairing operation, refer to the operation manual supplied with the Bluetooth device to be paired.

If the Bluetooth device to be paired has a display, perform the following steps:

- When a list of the devices found appears, select “SEP-30BT.” If “SEP-30BT” is not displayed, perform operations from step 1 again.
- When a passcode* is required, enter “0000” (zero-zero-zero-zero).
  * “Passcode” may be called “Passkey,” “PIN code,” “PIN number,” or “Password,” etc., depending on the device.

When pairing is successful, the Bluetooth indicator of the player will flash slowly.

Note
When pairing is unsuccessful, the Bluetooth indicator does not flash slowly. If the Bluetooth indicator flashes rapidly in blue, perform step 4 again. If the Bluetooth indicator lights up and remains lit, perform operations from step 2 again.

Interrupting the pairing operation

Hold the Play button down for about 2 seconds.

Connecting the Player and the Bluetooth Device

After pairing has been completed successfully, establish a Bluetooth connection between the player and the paired Bluetooth device.
Depending on the Bluetooth device used, a Bluetooth connection is automatically established after pairing has been completed successfully.

1 Activate the Bluetooth function of the paired Bluetooth device so that the device can be connected with the player.
For details about the operations of the paired Bluetooth device, refer to the operations manual supplied with the Bluetooth device.

2 Set the Power switch of the player to .

3 Click the Play button of the player.
The flashing intervals of the Bluetooth indicator change as follows, and the connection between the player and the paired Bluetooth device is established.

Flashes once every 2 seconds (The connection is being processed.)
↓
Flashes once every 5 seconds (The connection has been established.)

When the connection is established, the player opens its arms once.
If the connection has not been established, perform the connecting operation on the paired Bluetooth device.
For details about the operation of the paired Bluetooth device, refer to the operations manual supplied with the Bluetooth device.

Note

A Bluetooth connection is cleared in the following cases.
– The player is turned off.
– The paired Bluetooth device or its Bluetooth function is turned off.
– The player or the Bluetooth function of the Bluetooth device is set to sleep mode.
– The Bluetooth connection is disconnected.
You must connect the player and the paired Bluetooth device again as described on the previous page.

When the connection between the player and the paired Bluetooth device is established, you can listen to music played on the paired Bluetooth device through the speakers of the player, by operating either the player or the paired Bluetooth device.

1 Click the Play button of the player.
If the paired Bluetooth device does not support the AVRCP profile, perform playback operations on the paired Bluetooth device.
The paired Bluetooth device starts playback.
The Play-button indicator of the player lights up in green during playback.

2 Adjust the volume on the player.
If you cannot increase the volume by operating the player, try on the paired Bluetooth device.

Hints

- You can make the player move appropriately to the music played on the paired Bluetooth device. Double-click the Play button while music is playing. The motion starts when you double-click the button.
- When the paired Bluetooth device supports the AVRCP profile, and the AVRCP function is activated, you may be able to stop playback, and change tracks/groups by operating the player. For details, refer to the operations manual supplied with the Bluetooth device.
- When the paired Bluetooth device supports AVRCP VOLUME UP/DOWN, you can adjust the volume of the player on the paired Bluetooth device. For details, refer to the operations manual supplied with the Bluetooth device.

Notes

- When Bluetooth devices other than the player are connected to the paired Bluetooth device, the music played on the Bluetooth device may sound only intermittently through the speakers of the player. If this happens, disconnect the other Bluetooth devices from the paired Bluetooth device.
- If you play movies on the paired Bluetooth device, there may be a lag in audio playback, due to the performance of Bluetooth function.
- If you play music near the range of maximum volume level, the speakers vibrate, and the case of the player vibrates, too. If the arms close (in the course of a motion procedure, or are closed by hand), the sound may be muffled or distorted.

Updating the Firmware

By installing the latest firmware, you can add new functions and features to the player. For details on the latest firmware and the updating method, visit the website below.
http://rolly.sony-europe.com/support

1 **Download the update program to your computer from the home page of the Rolly customer support.**

2 **Connect the player to your computer, and start the update program.**

3 **Follow the instructions of the update program.**
The firmware will be updated.

Troubleshooting

If the player does not function as expected, try the following steps to resolve the problem.

1 **Find the symptoms of the problem in the following troubleshooting tables, and try the corrective actions listed.**

2 **Press the Reset button with a small pin or the like.**
Even if you press the Reset button, stored music and motion data are retained. However, playback settings (volume, stop position, normal/shuffle playback, etc.) may be reset to the default setting.

3 **Check for information about the problem in Rolly Choreographer.**

4 **Look for information about the problem on the website below.**
http://rolly.sony-europe.com/support

5 **If the approaches listed above fail to resolve the problem, consult your nearest Sony dealer or Sony Service Center.**

Playing music/motion

Symptom	Cause/Remedy
Buttons do not work.	• The player contains moisture condensation. → Wait for a few hours to let the player dry. • The remaining battery power is low or insufficient. → Charge the battery sufficiently (☞ page 12) → If nothing happens after you charge the battery sufficiently, press the Reset button to reset the player (☞ page 49). → Repeat inserting and removing the battery several times.
Playback does not start even if you click the Play button.	• The Power switch is set to OFF. → Set the Power switch to ON.

continued ☞

Symptom	Cause/Remedy
There is no sound.	• The volume may be set to the minimum. Adjust the volume (☞ page 30).
Noise is generated.	• A device emitting radio sounds, such as a mobile phone, is being used near the player. ➔ When using devices such as mobile phones, keep them away from the player.
Motion is not played.	• The remaining battery power is insufficient. ➔ Charge the battery sufficiently (☞ page 12) • The assigned motion does not involve movement. ➔ Check the motion data on Rolly Choreographer. • You click the Play-button only once. ➔ Double-click the Play-button.
The side lamps light up in red, and the player skips the track you want to listen but plays the next track.	• The music or motion file is damaged.
The side lamps light up in red, and motion is not played.	• Movable parts (arms, wheels) have been tucked in or have collided against something. ➔ Free the movable parts from obstacles. When the side lamps go out, double-click the Play button. The player will start playing motion. • The music or motion file is damaged.
The Play-button indicator flashed, and music playback stopped automatically.	• If heat is built up in the player, the player stops playback automatically, and enters power-saving mode.
The Play-button indicator flashed, and motion playback stopped automatically.	• If heat is built up in the player, the player stops playing motion automatically, and continues playing music only.

Symptom	Cause/Remedy
The left and right shoulders are out of position.	• The shoulders may come out of position depending on the circumstances where the player is used. For a remedy, visit the website below. http://rolly.sony-europe.com/support
The player gets warm.	• The player gets warm during operation. This is normal and not cause for concern.
Motion and side lamps do not act according to the motions created using Rolly Choreographer.	• Due to the characteristics of the player, motion and side lamps may act differently from those same motions created using Rolly Choreographer.
There is sufficient remaining battery power, but playback cannot be done.	• The battery has deteriorated and should be replaced. ➔ Consult your nearest Sony dealer or Sony Service Center.
Some music tracks cannot be played.	• If you add or delete files in the “RMF,” “RSF,” or “SMDB” folder on the player, or delete or rename these folders, some music tracks may not be displayed in the Rolly list on Rolly Choreographer and they may not be played on the player.

continued ☞

Charging the battery

Symptom	Cause/Remedy
Battery life is short.	• The operating temperature is below 5 °C (41 °F). ➔ Battery life sometimes becomes shorter due to the circumstances in which the battery is being used. This is not a malfunction. • Battery charging time is not sufficient. ➔ Charge the battery sufficiently. • You have not used the player for a prolonged period. ➔ The efficiency of the battery will be recovered by repeatedly charging and discharging it. • The battery should be replaced with a new one. ➔ Consult your nearest Sony dealer or Sony Service Center.
The battery is not charged.	• The USB cable is not connected to a USB port on your computer properly. ➔ Disconnect the USB cable, and then connect it again. ➔ Use the supplied USB cable.
Even if you started charging the battery, the Play-button indicator does not light up in orange.	• When the battery is discharged entirely, or has not been used for a prolonged period, the indicator may not light up immediately after the charging preparations are completed. After a few minutes, the indicator will light up in orange and charging of the battery will start.

Computer connection/Rolly Choreographer

Symptom	Cause/Remedy
When you install the software, an error message appears on the computer display.	• You may not be able to use the player with that computer. See the system requirements (☞ page 21).
Even if you insert the supplied CD-ROM into the computer, the install wizard does not start automatically.	• The install wizard may not start even if the CD-ROM is inserted, depending on the computer setting. In this case, right-click the CD-ROM drive on Windows Explorer, double-click SetupSS.exe. The Main Menu for installation will appear.
Rolly Choreographer cannot be installed.	• Visit the website below. http://rolly.sony-europe.com/support
The computer does not recognize the player.	• The USB cable is not connected to the USB port of the computer securely. ➔ Disconnect the USB cable, and then connect it again. • Try other USB ports of the computer. • There is no battery in the player. ➔ Insert the battery.

continued ☞

Bluetooth communication

Symptom	Cause/Remedy
The sound of the connected Bluetooth device is not heard.	• The sound is silenced on the paired Bluetooth device. ➔ Turn up the volume on the paired Bluetooth device. • The volume may be set to the minimum. ➔ Adjust the volume (☞ page 30).
Noise is generated.	• Noise may be generated depending on the environment in which the connection with the Bluetooth device was established. ➔ Try establishing the connection with the Bluetooth device again.
Pairing cannot be done.	• The player is too far from the Bluetooth device to be paired. ➔ Place the player and the Bluetooth device closer and perform the pairing operation. • Make sure that the paired Bluetooth device supports the A2DP profile.
The sound is heard intermittently.	• There are obstacles (metal objects, persons, walls, etc.) between the player and the paired Bluetooth device. ➔ Avoid or remove the obstacles. • If there is equipment that generates electromagnetic radiation, such as a wireless LAN, other Bluetooth device, or a microwave oven nearby, move them away. • If Bluetooth devices other than the player are connected to the paired Bluetooth device, the music played on the Bluetooth device may sound intermittently through the speakers of the player. If this happens, disconnect the other Bluetooth devices from the paired Bluetooth device.
A connection cannot be established.	• The Bluetooth device to be connected does not support the SCMS-T system. ➔ On the [Tools] menu of Rolly Choreographer, select [Rolly Settings] - [Bluetooth Communication] - [Copyright Protection] - [Copyright Protection] - [Disable SCMS-T method content protection].

Others

Symptom	Cause/Remedy
The arm was detached.	• Attach the arm as described on page 11.
The wheel was detached	• Attach the wheel as described on page 11.

On safety

- Be sure not to short-circuit the terminals of the player with other metallic objects.
- Do not touch the rechargeable battery with bare hands if it is leaking. Since battery liquid may remain in the player, consult your nearest Sony dealer or Sony Service Center if the battery has leaked. If the liquid gets into your eyes, do not rub your eyes as this may lead to blindness. Wash out your eyes with clean water, and consult a doctor immediately.
  Also, if the liquid gets on to your body or clothes wash it off immediately. If you do not, it may cause burns or injury. If you get burned or injured by the liquid from the battery, consult a doctor.
- Do not pour water on or put any foreign object into the player. Doing so may cause fire or electric shock.
  If this occurs, turn off the player immediately, disconnect the USB cable from the player, and consult your nearest Sony dealer or Sony Service Center.
- Do not put the player into a fire.
- Do not take apart or remodel the player. Doing so can result in electric shock. Consult your nearest Sony dealer or Sony Service Center for exchange of rechargeable batteries, internal checks, or repair.

On places the player can be used

- The player operates in temperatures ranging from 5 °C (41 °F) to 35 °C (95 °F). It is not recommended to use the player in extremely cold or hot places out of this temperature range.
- Do not use the player in a location where the player may drop or fall from a table or desk. Use the player on stable, flat, and level surfaces.
- Do not use the player on a hard and rough floor, such as a concrete floor, and the like. This kind of floor may mar the player, and cause a malfunction.
- Do not use the player on a slippery floor, thick carpet, or where the player may catch in hairs, etc. On such floors, the wheels of the player tend to catch in the carpet, etc. As a result, the player may malfunction and may not be reparable.
- Avoid the following places. These places may cause a malfunction of the player.
  – Soft surfaces, such as bedding
  – Places subject to soil, sand, or dust
  – Wet places with water or oil present
  – Outdoors

Make sure that you let the player move where there is no risk that the player can drop or fall, and where there are no obstacles around. Keep the player out of reach of children. Even if the player or surrounding objects are damaged because the player drops or collides against obstacles or children, Sony is exempt from any responsibility.

continued ☞

On handling the player

- Do not apply excessive force to the player, for example, by grabbing or stepping on the player.
- Do not apply shock to or drop the player. The stored data may be erased, or a malfunction may occur.
- Do not touch the charging terminal directly with your hands. The contact will be affected.
- Do not hold or swing the player by the arms. Do not twist the arms.
- Do not leave the player exposed to high temperature, such as in a car parked in the sun or under direct sunlight.
- Do not interrupt the movement of the player forcibly.
- Do not oil the movable parts (arms, wheels).
- Do not limit the movement of the player by adhering stickers, tying on ribbons, or tucking something behind the movable parts.
- When you carry the player, put the player in the Rolly soft carrying case (not supplied), or a box made of shock-absorbing material like the package which the player comes in, so that the arms and other parts are free from strain.
- Do not touch the speakers directly with the fingers. This may cause a malfunction.
- When you do not intend to use the player for a long time, remove the battery from the player.
- Do not use the player in a place subject to strong electromagnetic waves and X-rays (from magnetized objects such as magnets, speakers, televisions, etc.).
- Use only the supplied battery. When you want to replace the battery with a new one, consult your nearest Sony dealer or Sony Service Center.

On heat build-up

Heat may build up in the player if it is used for an extended period of time.

On moisture condensation

If the player is brought directly from a cold place to a warm place, moisture may condense on the surface or inside of the player. This may cause a malfunction of the player. If moisture condensation has occurred, leave the player for about 2, 3 hours without turning it on.

On handling the battery

- Do not leave the battery in a location with temperatures above 60 °C (140 °F). This may cause deterioration or a malfunction of the battery.
- When the player is warm, the battery is also warm. Handle them with care.
- Keep the terminals free from dust and any other foreign objects.
- When you do not intend to use the player for a long time, remove the battery from the player. Store the battery in a dry place in temperatures ranging from 0 °C to 30 °C (32 °F to 86 °F) to maintain the battery capability.
- The battery is discharged automatically even if it is not used. It is recommended that you charge the battery again before using it.
- Do not drop the battery, or put heavy objects on top of it. Do not apply a strong shock or pressure to the battery.

continued ☞

- The battery has a limited life-span. The battery capacity decreases gradually over time and repeated use. If usable battery time becomes significantly short, you should replace the battery with a new one. Consult your nearest Sony dealer or Sony Service Center. The battery life depends on storage, operating, and environmental conditions.

On the supplied software

- Copyright laws prohibit reproducing the software or the manual accompanying it in whole or in part, or renting the software without the permission of the copyright holder.
- In no event will Sony be liable for any financial damage, or loss of profits, including claims made by third parties, arising out of the use of the software supplied with this player.
- In the event a problem occurs with this software as a result of defective manufacturing, Sony will replace it. However, Sony bears no other responsibility.
- The software provided with this player cannot be used with equipment other than that which is so designated.
- Please note that, due to continued efforts to improve quality, the software specifications may be changed without notice.
- Operation of this player with software other than that provided is not covered by the warranty.
- The supplied software supports the OS languages of English and French. The ability to display the languages on the supplied software will depend on the installed OS on your PC. For better results, please ensure that the installed OS is compatible with the desired language you want to display.
  – We do not guarantee all the languages will be able to be displayed properly on your language.
  – User-created characters and some special characters may not be displayed.
- The explanations in this manual assume that you are familiar with the basic operations of Windows.
- For details on the use of your computer and operating system, please refer to the respective manuals.

On sample music and motion data

- The player is pre-installed with sample music and motion data so that you can try it out right away.
- To delete these music and motion data, delete them using Rolly Choreographer.
- Once you delete the music and motion data, you cannot restore them. The music and motion data will not be supplied again. You may import and store the sample music and motion data to your computer using Rolly Choreographer, before deleting them.

- The recorded music is limited to private use only. Use of the music beyond this limit requires permission of the copyright holders.
- Sony is not responsible for incomplete recording/downloading or damaged data due to problems of the player or computer.

continued ☞

On cleaning

- Clean the player's case with a soft cloth, such as cleaning cloth for eyeglasses.
- If the player's case becomes very dirty, clean it with a soft cloth slightly moistened with water or a mild detergent solution.
- Do not use any type of abrasive pad, scouring powder, or solvent, such as alcohol or benzene, as it may mar the finish of the case.
- Be careful not to let water get into the player from the opening near the connector.

If you have any questions or problems concerning the player, please consult your nearest Sony dealer or Sony Service Center.

The player SEP-30BT

Operating temperature
5 °C to 35 °C (41 °F to 95 °F)

Power source
– Rechargeable lithium-ion battery
– USB power (from a computer through the supplied USB cable)
Rated current consumption 500 mA

Battery life
See page 16.

Speakers
Approx. 20 mm diameter

Maximum output
1.2 watts + 1.2 watts (with the fully charged battery)

Interface
– USB jack: miniB
– Hi-speed USB (USB2.0 Compliant)

Dimension
Approx. 104 × 65 × 65 mm (w/h/d, projecting parts not included)

Mass
Approx. 300 g (the battery included)

Capacity (User available capacity)*
2 GB (Approx. 1.88 GB = 2,028,175,360 bytes)
* Available storage capacity of the player may vary. A portion of the memory is used for data management functions.

Maximum recordable number of tracks and playing time (Approx.)*

Music data only

Bit rate	Tracks	Time
48 kbps	1350	90 hr.
64 kbps	1000	66 hr. 40 min.
128 kbps	515	34 hr. 20 min.
256 kbps	255	17 hr.
320 kbps	205	13 hr. 40 min.

Music and motion data

Bit rate	Tracks	Time
48 kbps	1050	70 hr.
64 kbps	800	53 hr. 20 min.
128 kbps	450	30 hr.
256 kbps	245	16 hr. 20 min.
320 kbps	200	13 hr. 20 min.

* The approximate tracks and times are based on a 4-minute MP3 format track and a 4-minute Sony standard motion ("self-motion"). They may be different with other audio file formats and the type of motion.

continued ☞

Audio compression technology
- MPEG-1 Audio Layer-3 (MP3)
- Advanced Audio Coding (AAC)*
  * AAC format audio files that are copyright-protected cannot be played.

Supported bit rates*
- MP3: 32 to 320 kbps variable bit rate-compliant
- AAC: 16 to 320 kbps variable bit rate-compliant
  * Nonstandard bit rates or non-guaranteed bit rates are included depending on the sampling frequency.

Sampling frequency*
- MP3: 32, 44.1, 48 kHz
- AAC: 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 kHz
  * Sampling frequency may not correspond to all encoders.

Bluetooth summery

Communication system
Bluetooth Standard version 2.0

Output
Bluetooth Standard Power Class 2

Frequency band
2.4 GHz band (2.4000 GHz to 2.4835 GHz)

Maximum communication distance
Approx. 10 m(1)

Compatible Bluetooth profiles(2)
- A2DP (Advanced Audio Distribution Profile)
- AVRCP (Audio Video Remote Control Profile)
- SPP (Serial Port Profile)

Supported codecs(3)
- SBC (Sub Band Codec)
- MP3

(1) The actual range will vary depending on factors such as obstacles between devices, magnetic fields, static electricity, reception sensitivity, antenna (aerial) performance, operating system, software application, etc.
(2) Bluetooth profiles are standardized according to the purpose of the Bluetooth device.
(3) Codec indicates the audio signal compression and conversion format.

Battery BT-SE10

Type
Lithium ion rechargeable battery

Maximum output voltage
DC 4.2 V

Output voltage
DC 3.7 V

Capacity
5.8 Wh (1,560 mAh)

Operating temperature
5 °C to 35 °C (41 °F to 95 °F)
(charging temperature: 10 °C to 30 °C (50 °F to 86 °F))

Dimension
Approx. 22.2 × 26.8 × 44.7 mm (w/h/d)

Design and specifications are subject to change without notice.

Optional accessory
Rolly Charging Cradle CDL-SE10

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Bluetooth Wireless Technology

Bluetooth wireless technology is a short-range wireless technology linking digital devices, such as personal computers and digital still cameras. Using the Bluetooth wireless technology, you can operate the units involved within a range of about 10 meters.
The Bluetooth wireless technology is commonly used between two devices, but a single device can be connected to multiple devices. You do not need wires to get connected as you do with a USB connection, and you do not need to place the devices face to face as you do with wireless infrared technology. You can use the technology with one Bluetooth device in your bag or pocket.
Bluetooth wireless technology is a global standard supported by thousands of companies. These companies produce products that meet the global standard.

Supported Bluetooth version and profiles

Profile refers to a standard set of capabilities for various Bluetooth product capabilities. This system supports the following Bluetooth version and profiles.

- Supported Bluetooth version: Bluetooth Standard version 2.0
- Supported Bluetooth profiles:
  - A2DP (Advanced Audio Distribution Profile)
  - AVRCP (Audio Video Remote Control Profile)
  - SPP (Serial Port Profile)

Effective communication range

Bluetooth devices should be used within approximately 10 meters (unobstructed distance) of each other.
The effective communication range may become shorter under the following conditions.

- When a person, metal object, wall or other obstruction is between the devices with a Bluetooth connection
- Locations where a wireless LAN is installed

continued ☞

– Around microwave ovens that are in use
– Locations where other electromagnetic waves occur

Effects of other devices

Bluetooth devices and wireless LAN (IEEE 802.11b/g) use the same frequency band (2.4 GHz). When using your Bluetooth device near a device with wireless LAN capability, electromagnetic interference may occur. This could result in lower data transfer rates, noise, or inability to connect. If this happens, try the following remedies:

– Try connecting this player and a Bluetooth device when you are at least 10 meters away from the wireless LAN equipment.
– Turn off the power to the wireless LAN equipment when using your Bluetooth device within 10 meters.

Effects on other devices

The radio waves broadcast by this system may interfere with the operation of some medical devices. Since this interference may result in malfunction, always turn off the power on this player and a Bluetooth device in the following locations:

– In hospitals, on trains, in airplanes, at gas stations, and any place where flammable gasses may be present
– Near automatic doors or fire alarms

Notes

- This player supports security functions that comply with the Bluetooth specification as a means of ensuring security during communication using Bluetooth technology. However, this security may be insufficient depending on the setting contents and other factors, so always be careful when performing communication using Bluetooth technology.
- Sony cannot be held liable in any way for damages or other loss resulting from information leaks during communication using Bluetooth technology.
- Bluetooth communication is not necessarily guaranteed with all Bluetooth devices that have the same profile as this player.
- Bluetooth devices connected with this player must comply with the Bluetooth specification prescribed by the Bluetooth SIG, Inc., and must be certified to comply. However, even when a device complies with the Bluetooth specification, there may be cases where the characteristics or specifications of the Bluetooth device make it impossible to connect, or may result in different control methods, display or operation.
- Noise may occur or the audio may cut off depending on the Bluetooth device connected with this player, the communications environment, or surrounding conditions.

Playable Bluetooth devices

You can check the websites below for the Bluetooth compatible devices.

<http://rolly.sony-europe.com/support>

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